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19. ABSTRACT (Continue on reverse if necessary and identify by block number) The Fourth Gordon Research Conference on Multiphoton Processes was held at Colby-Sawyer College, New London, New Hampshire during the week of 13-17 June 1988. The program of the Conference consisted of 21 invited talks and 64 contributed poster papers.			
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22a. NAME OF RESPONSIBLE INDIVIDUAL R E KELLEY		22b. TELEPHONE (Include Area Code) (202) 767-4908	
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FINAL REPORT OF
THE GORDON RESEARCH CONFERENCE ON MULTIPHOTON PROCESSES
COLBY-SAWYER COLLEGE, NEW LONDON, NEW HAMPSHIRE
13-17 JUNE 1988
Grant Number AFOSR-88-0201

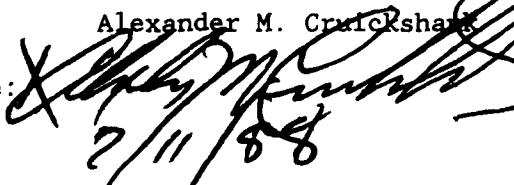
Philip M. Johnson, Chairman
Department of Chemistry
State University of New York
Stony Brook, NY 11794

Peter Lambropoulos, Vice-Chairman
Department of Physics
University of Southern California
Los Angeles, California 90007

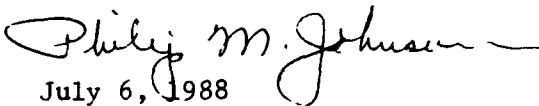
Submitted to:

Air Force Office of Scientific Research
Attention: Dr. Ralph E. Kelley

Submitted by:

Name: Alexander M. Cruickshank
Signature: 
Date: 7/11/88
Title: Director, Gordon
Conferences
Address: Gordon Research Center
University of Rhode Island
Kingston, RI 02881-0801
Telephone: (401) 783-4011, 783-3372

Philip M. Johnson


July 6, 1988
Professor
Department of Chemistry
S.U.N.Y. at Stony Brook
Stony Brook, NY 11794
(516) 632-7912

community and to the supplemental funding that the Conference has received from the National Science Foundation and from the Air Force Office of Scientific Research, as well as some contributions from the laser industry (Lambda Physik and Spectra Physics). A complete list of attendees is appended.

The next Conference in this series will be held in 1990. The Chairperson will be Professor Peter Lambropoulos of the Department of Physics, University of Southern California, and the vice-chairman will be Professor Tomas Baer of the Department of Chemistry, University of North Carolina. This pairing continues the tradition of having both physics and chemistry represented in the officers to provide a balanced program.

The Conference budget of \$23,200 (\$10,200 from the Gordon Research Conferences, \$6,000 from the Air Force Office of Scientific Research, \$5,000 from the National Science Foundation, and \$1000 each from Lambda Physik and Spectra Physics) was distributed in the following manner. The Conference registration fee, which included room and board for the week, was paid for all 27 Invited Speakers and Discussion Leaders. Partial travel support was granted to the Chairperson (who was also a Discussion Leader) and to the 16 of the Invited Speakers and Discussion Leaders; these disbursements amounted to \$14,640 or 63% of the total budget. The Conference registration fee was also partially paid for 12 graduate students; these disbursements amounted to \$2840, 12% of the total budget. Finally, partial travel and lodging support was given to 16 other attendees, 5 of whom were from Europe; these disbursements amounted to \$5,710 or 25% of the total budget. In summary, 55 attendees received partial support to attend the Conference, with a significant fraction of the budget used to support graduate students, postdoctoral appointees, and young scientists from the U.S. and abroad.

GORDON RESEARCH CONFERENCES

Colby-Sawyer College, South Site
New London, NH

MULTIPHOTON PROCESSES
June 13, 1988

Registration List

A. C. Albrecht Abbey 210
Cornell University
Department of Chemistry, Baker Lab
Ithaca, NY 14853-1301

Sarah W. Allendorf Colby 304
Stanford University
Department of Chemistry
Stanford, CA 94305

Scott Anderson Colby 106
Stony Brook--SUNY
Chemistry Dept.
Stony Brook, NY 11794-3400

Jeffrey R. Appling Abbey 214
Univ. of Kentucky, Dept. Chemistry
125 Chemistry-Physics Bldg.
Lexington, KY 40506-00551

Tomas Baer Abbey 201
Univ. of North Carolina
Chemistry Dept.
Chapel Hill, NC 27599-3290

Mark Bashkansky Colby 104
AT&T Bell Laboratories
600 Mountain Avenue
Murray Hill, NJ 07974

Joel M. Berman Non-Res.
Rutgers Univ., Dept. Chemistry
Wright-Rieman Labs
Piscataway, NJ 08854

Therese Biernacki Colby 301
Sandia National Laboratories
Division 8354
Livermore, CA 94550

Perry R. Blazewicz Colby 104
Oak Ridge National Laboratory
P.O. Box 2008
Bldg. 4500S, MS142
Oak Ridge, TN 37831

Patrick R. Callis Colby 102
Montana State University
Dept. of Chemistry
Bozeman, MT 59717

Francis X. Campos McKean 2
Purdue University
Dept. of Chemistry
West Lafayette, IN 47907

Joseph Chaiken Abbey 202
Syracuse Univ.
Dept. of Chemistry
Syracuse, NY 13244-1200

D. Charalambidis Abbey 309
Research Center of Crete
Iraklion P.O. Box 1527
Crete, GREECE

Kuei-Hsien Chen Colby 101
Harvard Univ.
Division of Applied Science
9 Oxford St.
Cambridge, MA 02138

William A. Chupka Colby 103
Yale Univ.--Sterling Chem. Lab.
225 Prospect Street
New Haven, CT 06511

Steven D. Colson Abbey 107
Yale Univ.--Dept. of Chemistry
225 Prospect Street, P.O. Box 6666
New Haven, CT 06511

Robert N. Compton Abbey 105
Oak Ridge National Lab.
P. O. Box X
Oak Ridge, TN 37831-6825

Patricia M. Dehmer Non-Res.
Argonne National Lab.
9700 S. Cass Avenue
Bldg. 203-C153
Argonne, IL 60439

Paul L. DeVries Page 206
Miami Univ.
Dept. of Physics
Oxford, OH 45056

Louis F. DiMauro Abbey 209
Brookhaven National Lab.
Dept. of Chemistry
Upton, NY 11973

Sham N. Dixit McKean 11
Lawrence Livermore National Lab.
P.O. Box 808, L-401
Livermore, CA 94550

Richard L. Dubs
California Institute of Technology
127-72 Noyes Lab.
Pasadena, CA 91125

Mark Dugan McKean 6
Cornell Univ.--Dept. Chemistry
Box 79 Baker Lab.
Ithaca, NY 14853

John M. Dyke Colby 103
The University, Dept. of Chemistry
Highfield
Southampton, UK 509 5NH

Takayuki Ebata McKean 8
Tohoku Univ.
Dept. of Chemistry, Fac. of Science
Sendai, JAPAN

Dan Elliott McKean 7
Purdue Univ.
School of Electrical Engineering
West Lafayette, IN 47907

Edward Eyler Abbey 205
Yale Univ., Physics Dept.
217 Prospect St.
New Haven, CT 06511

Michael G. Fink Abbey 216
Univ. of Colorado
JILA P.O. Box 0440
Boulder, CO 80309-0440

C. Fotakis Abbey 309
Research Center of Crete
Iraklion POb 1527
Crete, GREECE

Richard R. Freeman Abbey 212
AT&T Bell Labs.
LE-338
Murray Hill, NJ 07974

W. Ray Garrett & WIFE Colby 212
Oak Ridge Nat. Lab.
P.O.Box 2008
Bldg. 5500, M5378
Oak Ridge, TN 37831-6378

M. Gavrilu Page 208
F.O.M. Inst. for Atomic & Mole. Physics
Postbus 41 883
1009 DB Amsterdam, THE NETHERLANDS

Abraham Ghelichkham McKean 6
Purdue Univ.
Dept. of Chemistry
West Lafayette, IN 47907

Jonathan M. Gilligan
Yale Univ., Physics Dept.
217 Prospect St.
New Haven, CT 06511

Wallace L. Glab McKean 12
Argonne National Lab.
Chemistry Division, Bldg. 200/K-121
9700 S. Cass Avenue
Argonne, IL 60439

Lionel Goodman & RUTH Colby 207
Rutgers Univ.
Chemistry Dept.
New Brunswick, NJ 08903

Russell D. Johnson III Colby 204
National Bureau of Standards
Chemical Kinetics Division
Gaithersburg, MD 20899

Ed Grant Abbey 302
Purdue University
Dept. of Chemistry
West Lafayette, IN 47907

Kenneth Haber Page 303
Purdue University
Dept. of Chemistry
West Lafayette, IN 47907

Gregory Hall Savannah River Lab Environmental Technology Division Bldg. 735A Aiken, SC 29808	Page 302	Ken Lagattuta Los Alamos National Laboratory Group X-7, Mail Stop B257 Los Alamos, NM 87545	Page 300
Susan J. Hillenbrand SUNY at Stony Brook Dept. of Chemistry Stony Brook, NY 11778	Colby 310	P. Lambropoulos Univ. of So. Calif. Physics Dept. Los Angeles, CA 90089-0484	Colby 100A
Jeanne M. Hossenlopp Columbia Univ., Dept. Chemistry Havemeyer Box 256 New York, NY 10027	Colby 302	C. A. de Lange Free University Dept. of Physical Chemistry De Boelelaan 1-83 Amsterdam, THE NETHERLANDS 1081 HV	McKean 1
Mitsuo Ito Tohoku University Dept. of Chemistry Sendai 980, JAPAN	Page 210	Leping Li Yale Univ., Dept. Chemistry 225 Prospect Street New Haven, CT 06511	McKean 9
Yaman Jiang Purdue Univ. Dept. of Chemistry West Lafayette, IN 47907	McKean 5	Robert Lipert Yale Chemistry Dept. 225 Prospect St. New Haven, CT 06511	Abbey 301
Philip M. Johnson SUNY Stony Brook Dept. of Chemistry Stony Brook, NY 11794	Abbey Suite	Louis-Andre Lompre CEA Saclay Service de Physique des Atomes et des Surfaces Gif Sur Yvette, FRANCE 91191	Abbey 213
Jungen Christian Lab. Photophysique Moleculaire Universite Paris--Sud 91400 Orsay, FRANCE	Abbey 112	Cheng-zai Lu Harvard Univ. Division of Applied Sciences Boston, MA 02138	Colby 203
Katsumi Kimura Institute for Molecular Science Myodaiji, Okazaki, JAPAN 444	Page 210	Ruth McDiarmid National Institutes of Health Bldg. 2, Room B1-D7 Bethesda, MD 20892	Colby 302
Peter M. Koch Physics Dept. State Univ. of NY at Stony Brook Stony Brook, NY 11794-3800	Abbeu 209	Vincent McKoy California Institute of Technology Noyes Lab. of Chemical Physics Mail Code 127-72 Pasadena, CA 91125	McKean 11
B.g. Koenders Free University Dept. of Physical Chemistry De Boelblaas 1083 Amsterdam, NETHERLANDS 1081 HV	McKean 1	John C. Miller Oak Ridge National Lab. P.O. Box X Oak Ridge, TN 37831-6125	Page 301
Kenneth C. Kulander Lawrence Livermore National Lab. P.O. Box 5508 L-438 Livermore, CA 94550	Page 304	Paul J. Miller Yale Univ., Dept. Chemistry P.O. Box 6666 New Haven, CT 06511-8118	Colby 106

Robert J. Miller Abbey 303
Yale Univ., Dept. Chemistry
P.O. Box 6666
New Haven, CT 06511

K. Muller-Dethlets Page 308
Technische Universitat Munchen
Inst fur Physikalisch Chemie
Lichtenbergstr. 4
D-8046 Garching, WEST GERMANY

Didier Normand Abbey 213
CEN Saclay
DPHG/SPAS
Gif-Sur-Yvette, FRANCE 91191

Thomas M. Orlando Page 207
State Univ. of New York @ Stony Brook
Dept. of Chemistry
Stony Brook, NY 11794

Charles E. Otis Page 303
IBM Corporation
Ultra-Fast Laser Lab Dept T37
Bldg 257-3
Endicott, NY 13760

Liwen Pan Colby 201
University of Maryland/NBS
Bldg. 221, Rm. A251
National Bureau of Standards
Gaithersburg, MD 20899

Seung Min Park McKean 9
Brown University
Dept. of Chemistry
Providence, RI 02912

Evdokia Patsilina Colby 309
Research Center of Crete
Institute of Electronic Struc & Laser
P.O. Box 1527
71110 Iraklion, GREECE

Dr. Petite Abbey 202
CEA
DPHG/SPAS-CEN Saclay
Gif Sur Yvette, FRANCE 91191

Stephen T. Pratt Page 305
Argonne National Lab.
Bldg. 203 C-141
9700 S. Cass Avenue
Argonne, IL 60439

Detlev Proch Page 204
MPI fuer Quantenoptik
Postfach 1513
Garching, WEST GERMANY 8046

Martin Quack Page 202
ETH Zurich (Zentrum)
Lab. F. Physical Chemistry
CH-8092 Zurich, SWITZERLAND

Yvon Rebiere McKean 6
Cornell Univ., Dept. Chemistry
Baker Lab.
Ithaca, NY 14853

Eberhard Riedle Page 201
Institut fur Physikalische Chemie
Technische Universitat Munchen
Lichtenbergstr 4
D-8046 Garching, WEST GERMANY

Steven A. Rogers Abbey 216
Univ. of Colorado Jila
Box 440
Boulder, CO 80309-0440

Henrik Rudolph Page 205
Cal Tech
127-72 Noyes
Pasadena, CA 91125

Steven P. Sapers Page 200
Univ. of Colorado
Campus Box 215
Boulder, CO 80309-0215

Gottfried T. Schappert Page 203
Los Alamos National Laboratory
E-526
Los Alamos, NM 87544

Hisanori Shinohara Page 209
Institute for Molecular Science
Myodaiji, Okazaki, JAPAN 444

Mary Jane Shultz Colby 303
Tufts University, Chemistry Dept.
77 Talbot Ave.
Medford, MA 02155

Uzy Smilansky Abbey 305
Weizmann Inst. of Science
Rehovot, ISRAEL 76100

Mark A. Smith Abbey 204
University of Arizona
Dept. of Chemistry
Tucson, AZ 85721

Kermit C. Smyth Abbey 307
National Bureau of standards
Bldg. 224, Room B250
Gaithersburg, MD 20899

Spyros Spyrou Page 207
National Hellenic Research Foundation
48 Vas Constantinou Ave.
Athens, GREECE 11635

Anthony F. Starace Abbey 316
The University of Nebraska
Dept. of Physics & Astronomy
260 Behlen Lab.
Lincoln, NE 68588-0111

Jeffrey Stephens McKean 10
California Institute of Technology
Dept. of Chemistry, MC127-72
Pasadena, CA 91125

S. Suckewer & SON Page 101
Princeton University, PPL
Forrestal Campus
Princeton, NJ 08543

Abha Sur Colby 309
Mount Holyoke College
Dept. Chemistry, Carr Laboratory
South Hadley, MA 01075

Toshinori Suzuki Page 209
Tohoku Univ., Dept. Chemistry
Fac. of Science
Sendai, JAPAN 980

Jack A. Syage Abbey 314
The Aerospace Corporation
PO Box 92957, Mail Stop MS-754
Los Angeles, CA 90009

Xian Tang Abbey 301
University of Southern California
Dept. of Physics
Los Angeles, CA 90089-0484

David Theiste Colby 102
Montana State University
Dept. Chemistry
Bozeman, MT 59717

Paul Tjossem Colby 209
National Bureau of Standards
Building 224, Room B258
Gaithersburg, MD 20899

Russell Tonkyn Page 212
Brookhaven Nat'l Lab.
Chemistry Dept.
Upton, NY 11973

R. D. Verma Colby 214
Yale Univ., Dept. Chemistry
P.O. Box 6666
New Haven, CT 06511

J. W. J. Verschuur Abbey 204
FOM--Institute for Atomic & Molecular
Physics
Kruisban 407
1098 SJ Amsterdam, THE NETHERLANDS

Jyhpyng Wang Colby 101
Harvard University
9 Oxford St.
Cambridge, MA 02138

James C. Weisshaar Abbey 312
University of Wisconsin
Dept. Chemistry
1101 University Avenue
Madison, WI 53706

John Wessel Abbey 310
The Aerospace Corporation
P.O. Box 92957
Los Angeles, CA 90009

Michael G. White Abbey 308
Brookhaven National Lab.
Chemistry Dept.
Upton, NY 11973

Ralph Wiedmann Page 212
Purdue University
Dept. of Chemistry
West Lafayette, IN 47907

J. W. Wiñniczek Abbey 306
Brookhaven National Lab.
Chemistry Dept.
Upton, NY 11973

Ming Wu Page 306
SUNY at Stony Brook
Dept Chemistry
Stony Brook, NY 11794

Baorui Yang Page 306

SUNY at Stony Brook
Dept. of Chemistry
Stony Brook, NY 11794

Mei-Wen Yen Colby 310
State Univ. of New York @ Stony Brook
Chemistry Dept.
Stony Brook, NY 11794

Lawrence D. Ziegler Abbey 304
Northeastern Univ., Dept. Chemistry
360 Huntington Avenue
Boston, MA 02115

Peter Zoller McKean 7
BILA, University of Colorado
Boulder, CO 80309

Josef W. Zuamziger McKean2
Purdue University
Dept. of Chemistry
West Lafayette, IN 47907